

FIG. 1

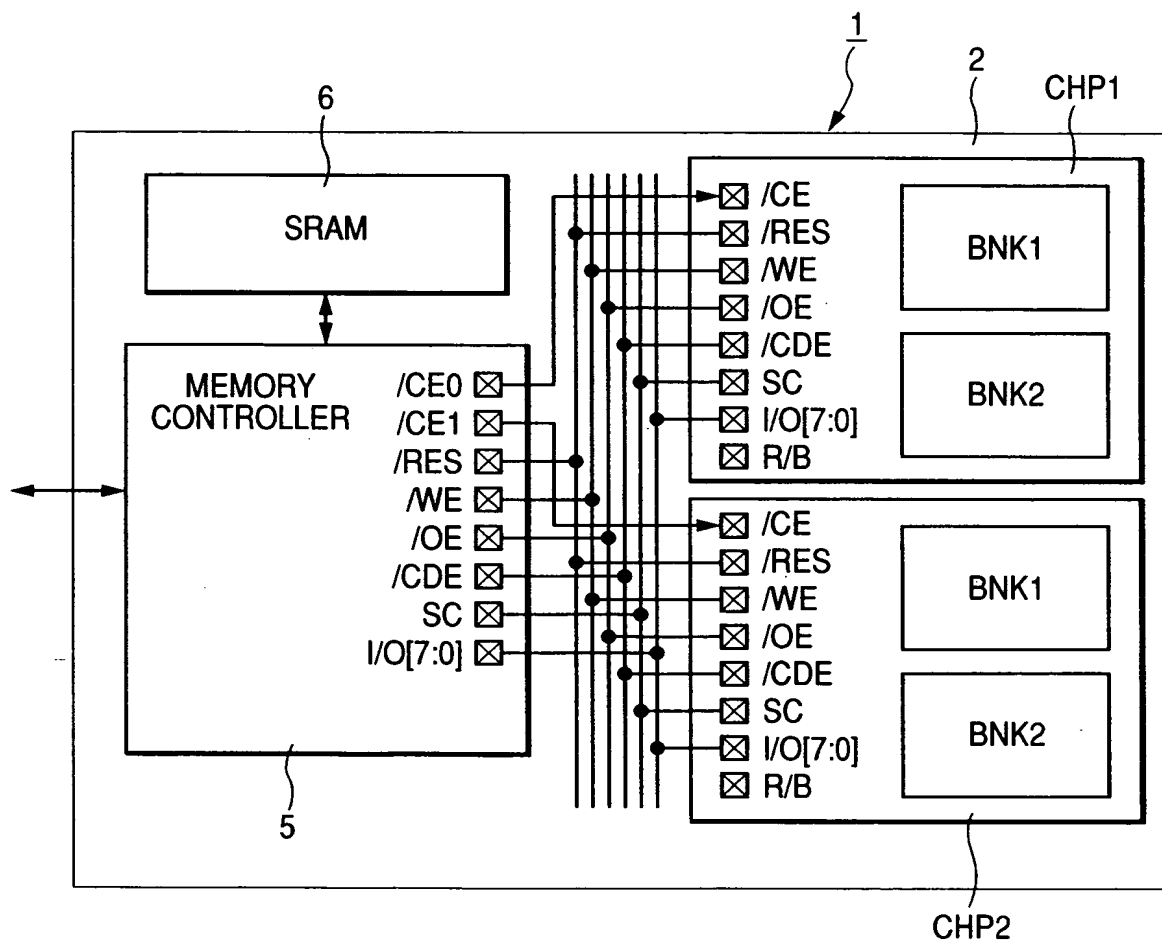


FIG. 2

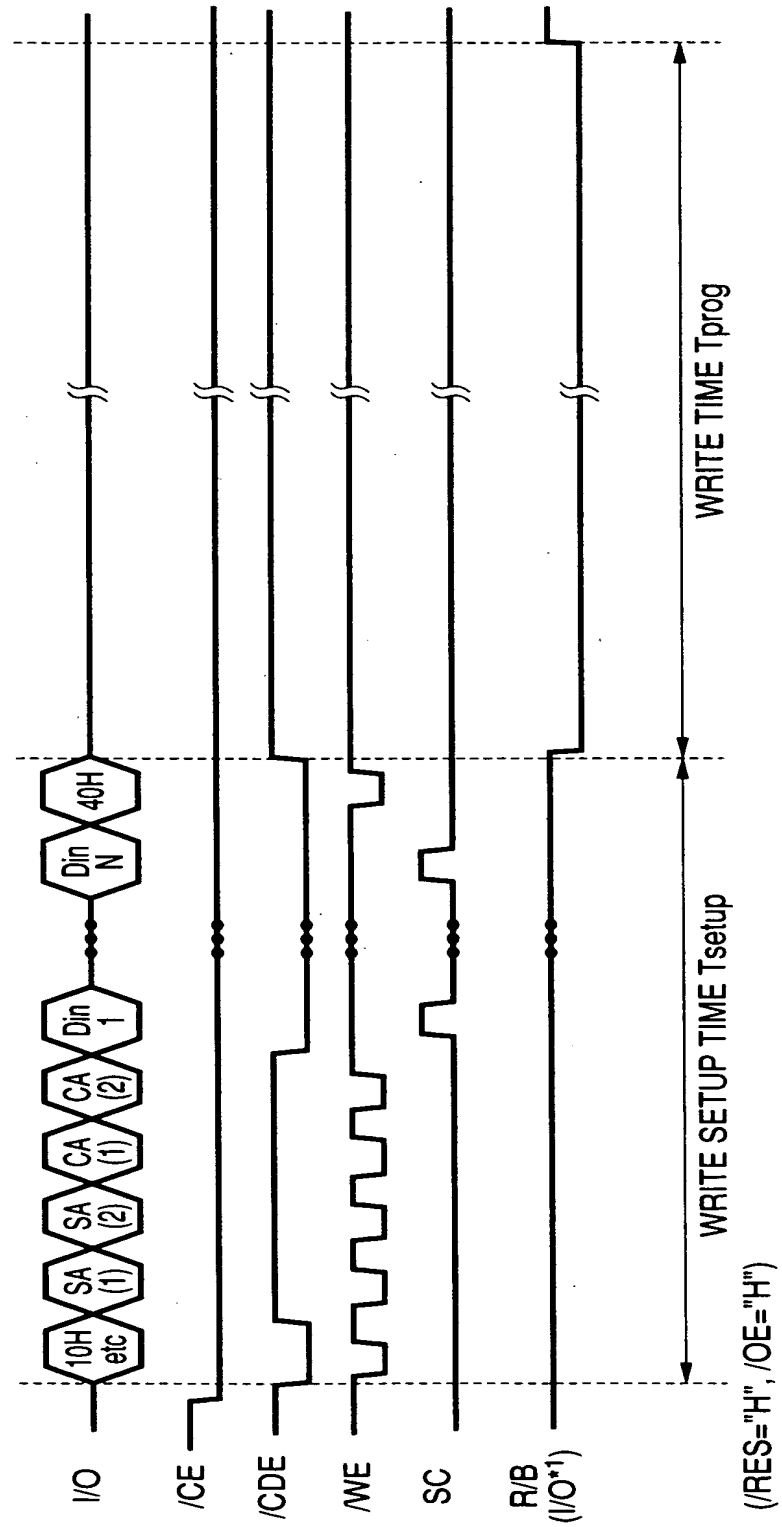
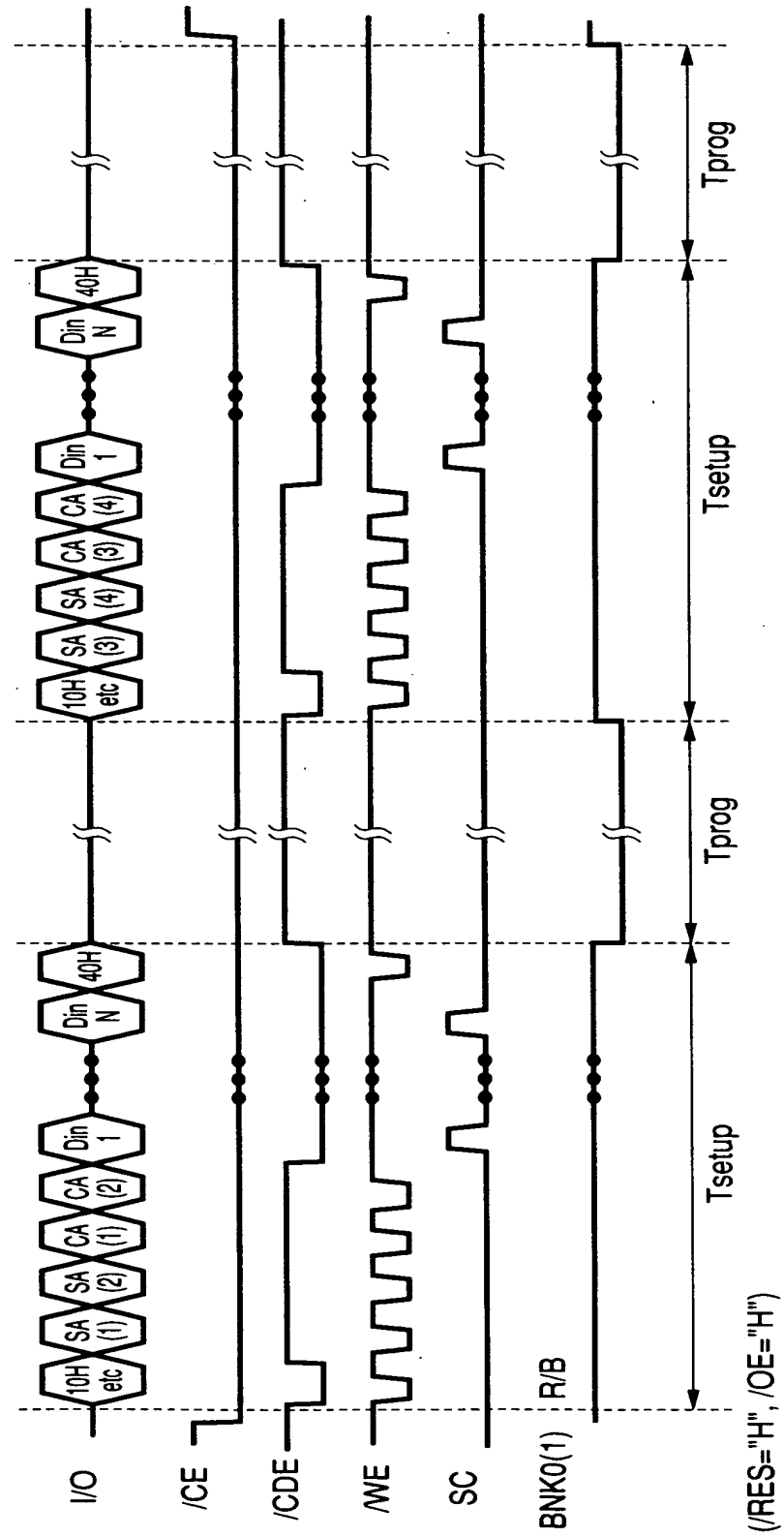
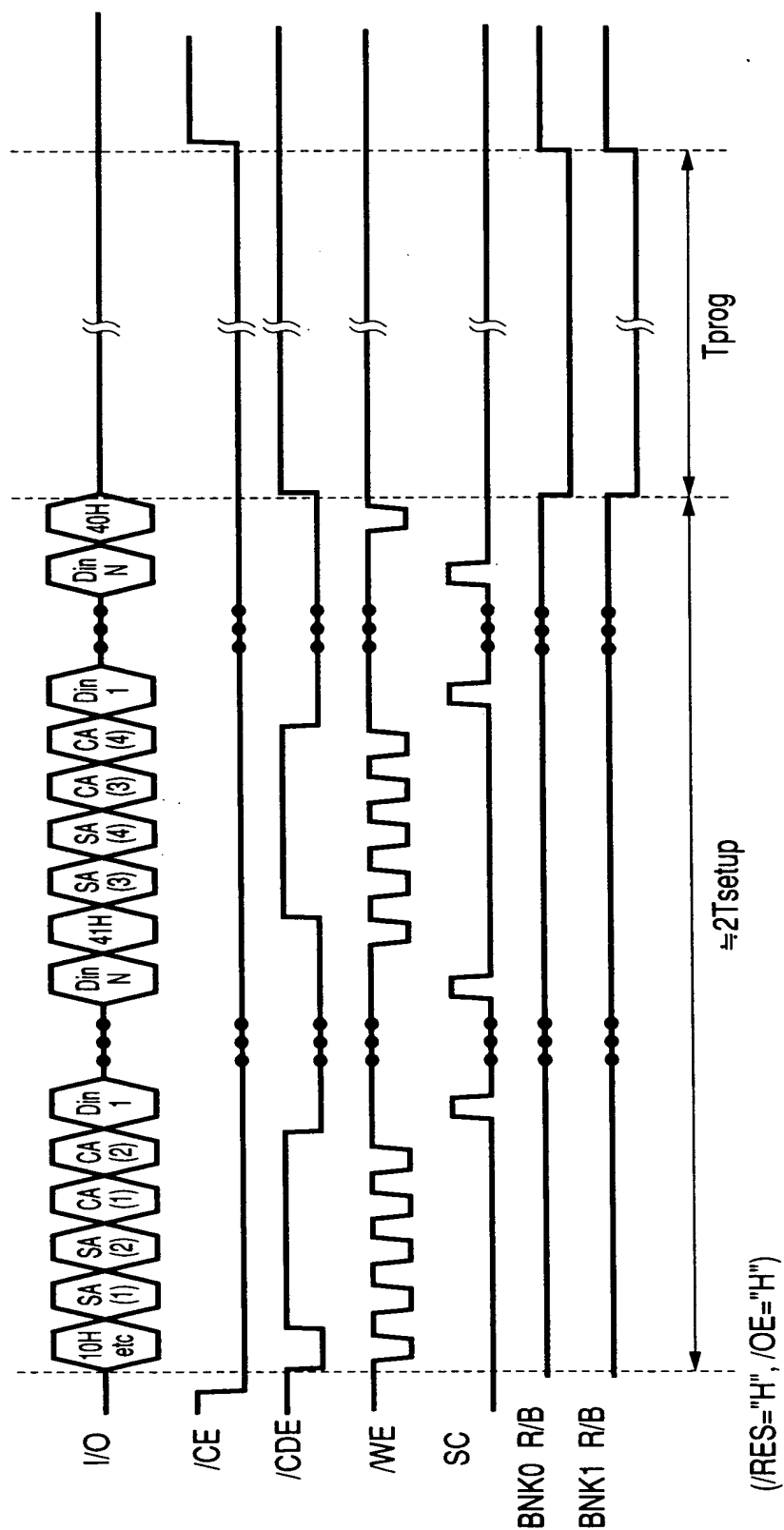


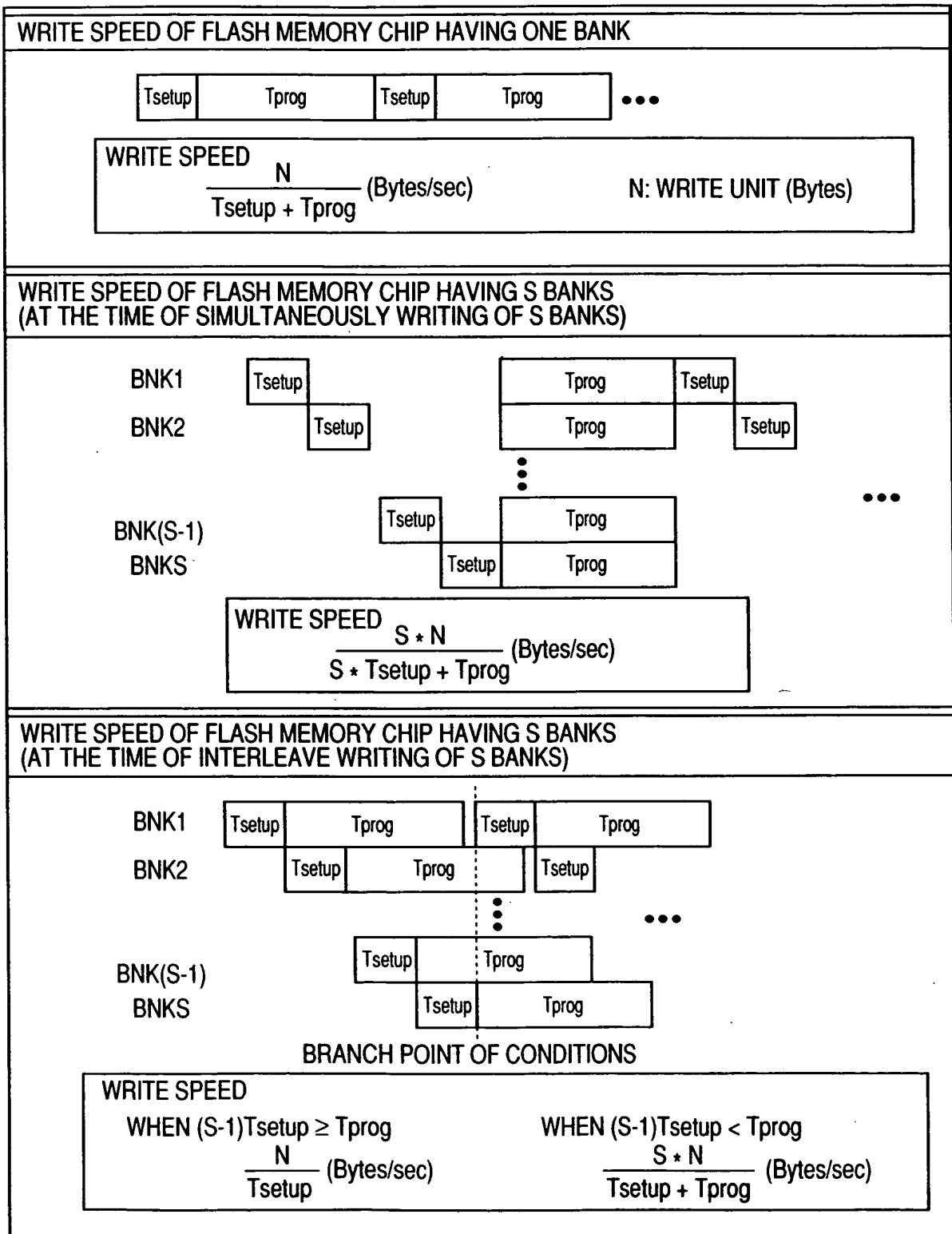
FIG. 3



**FIG. 4**

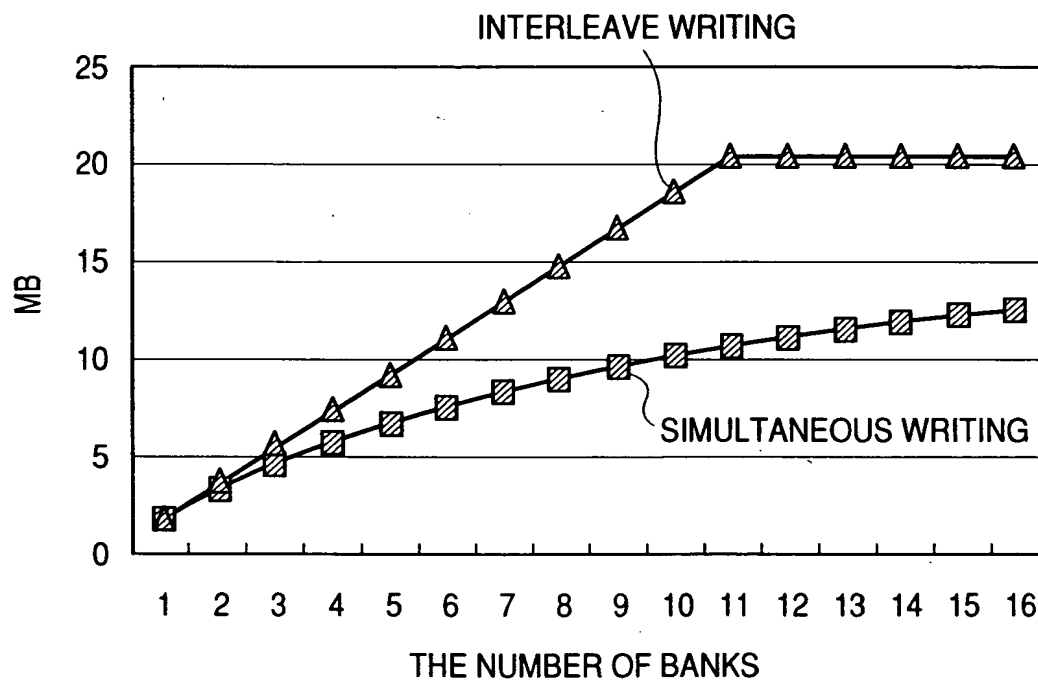




**FIG. 6**

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FIG. 7



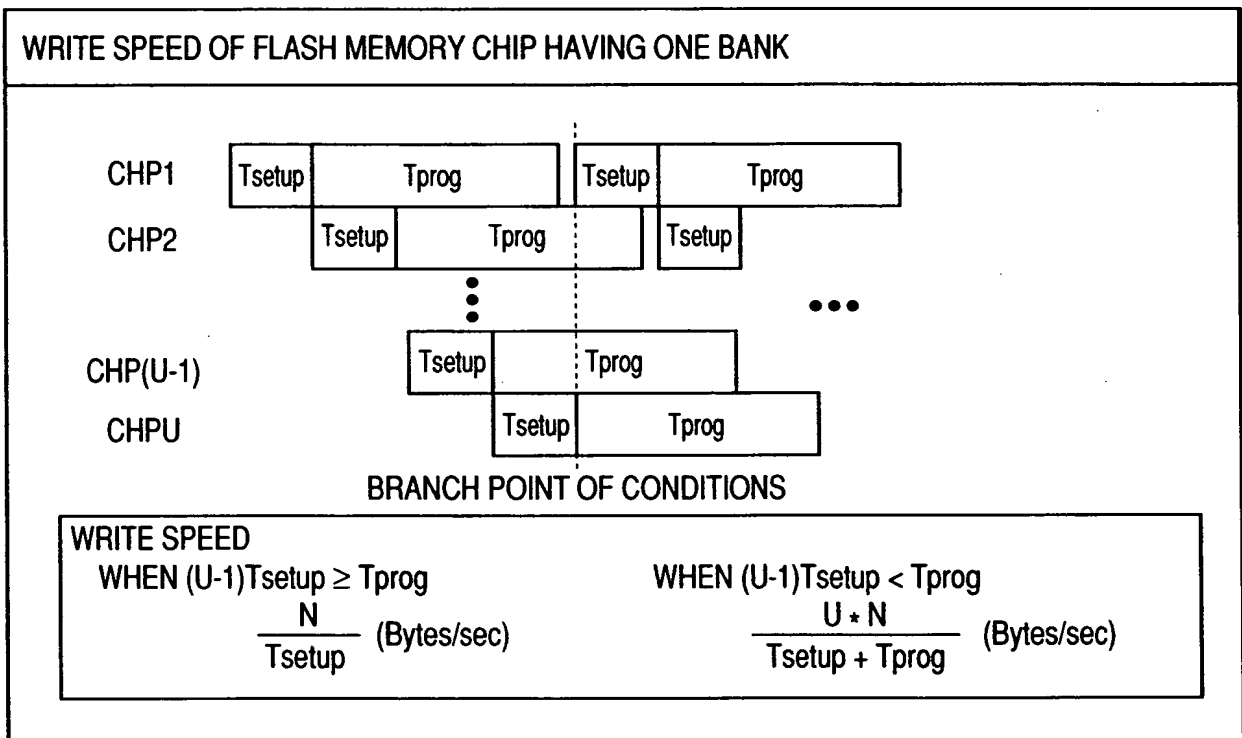
**FIG. 8**



FIG. 9

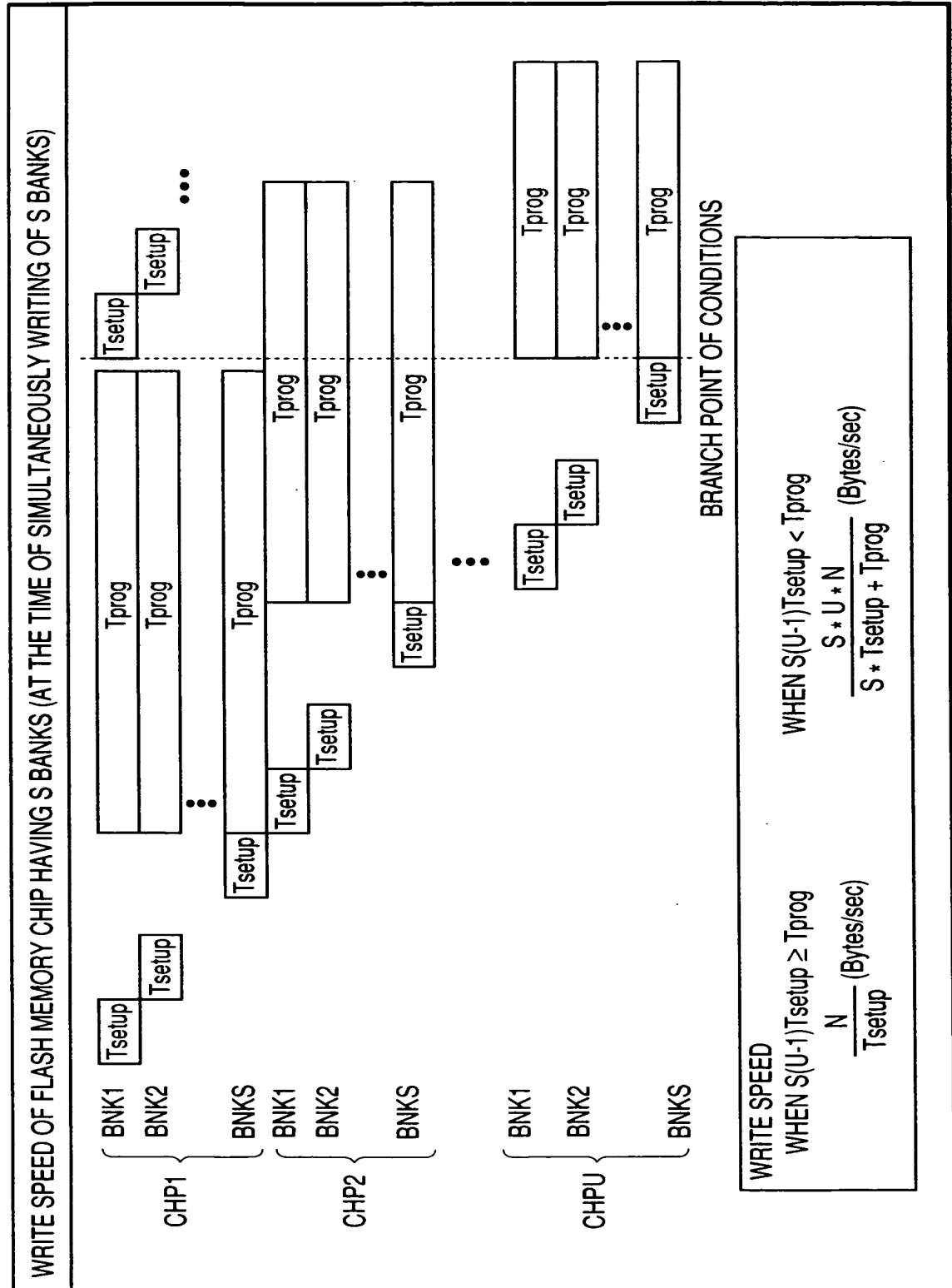


FIG. 10

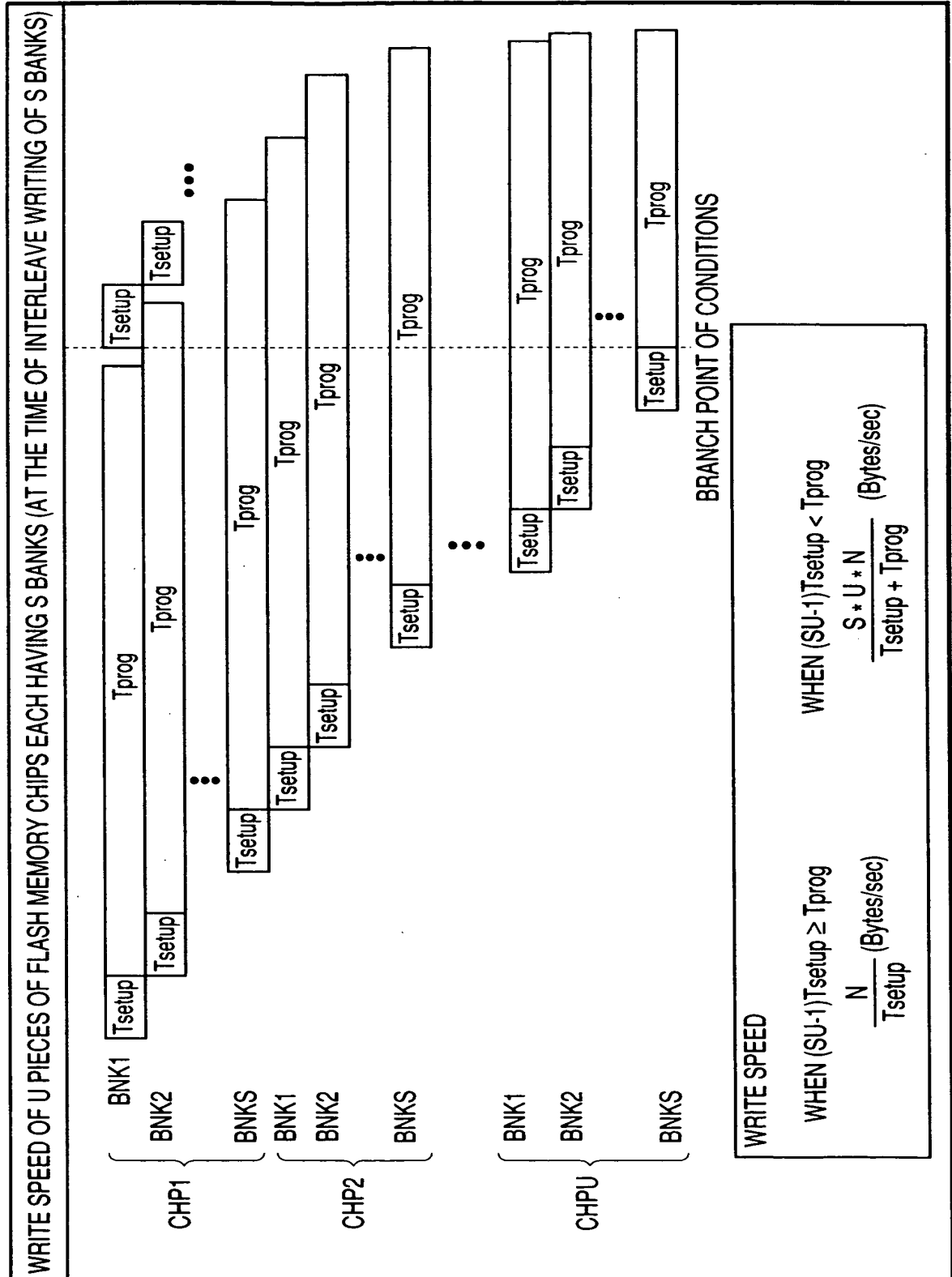


FIG. 11

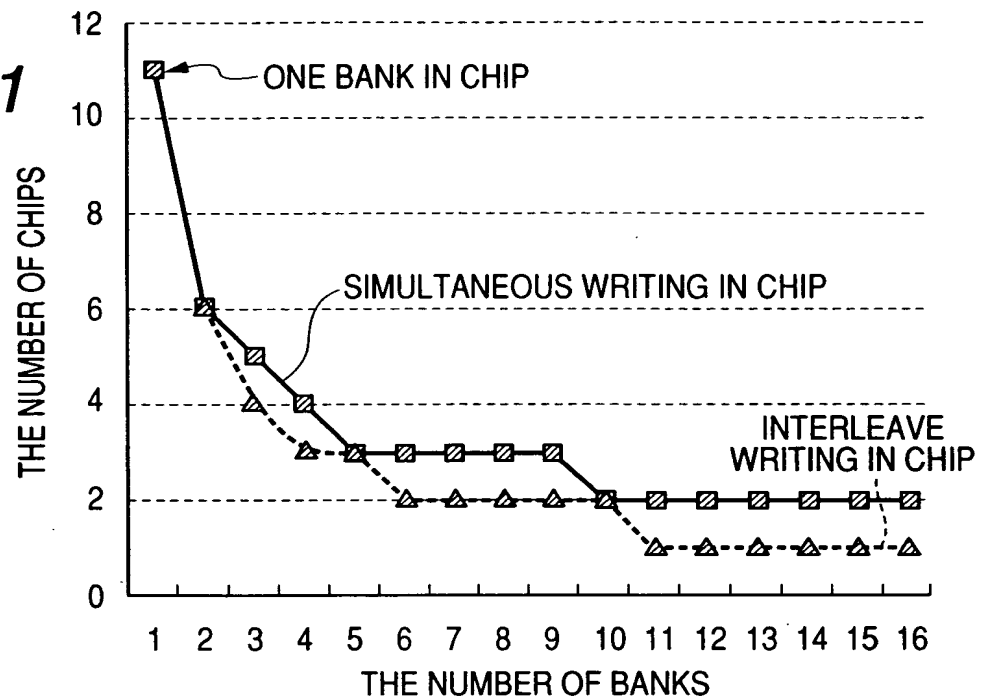


FIG. 12

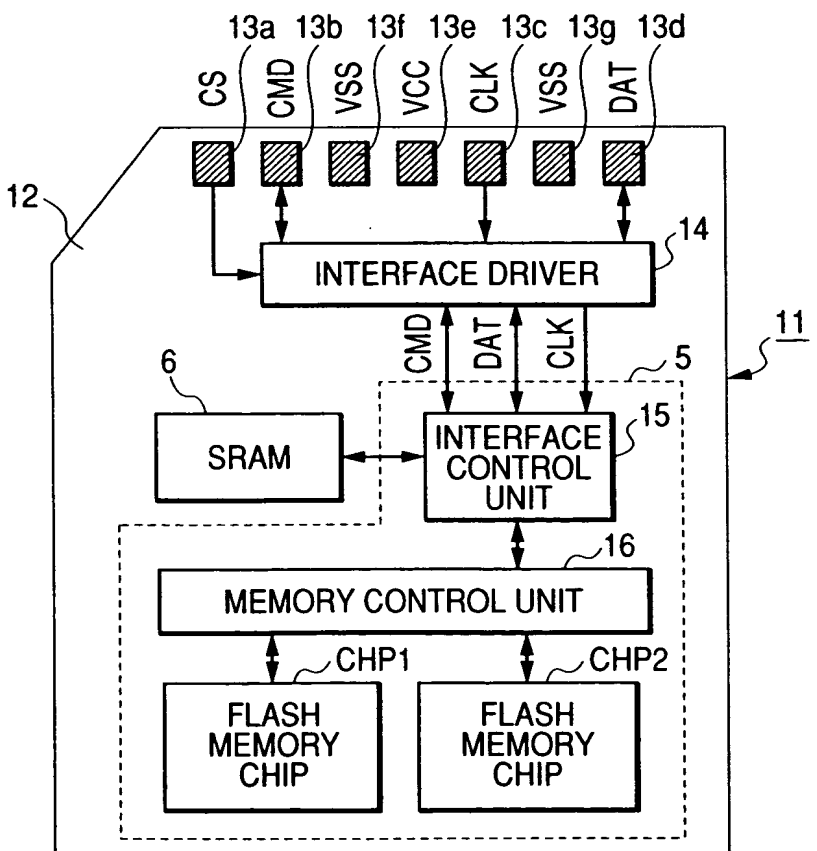


FIG. 13

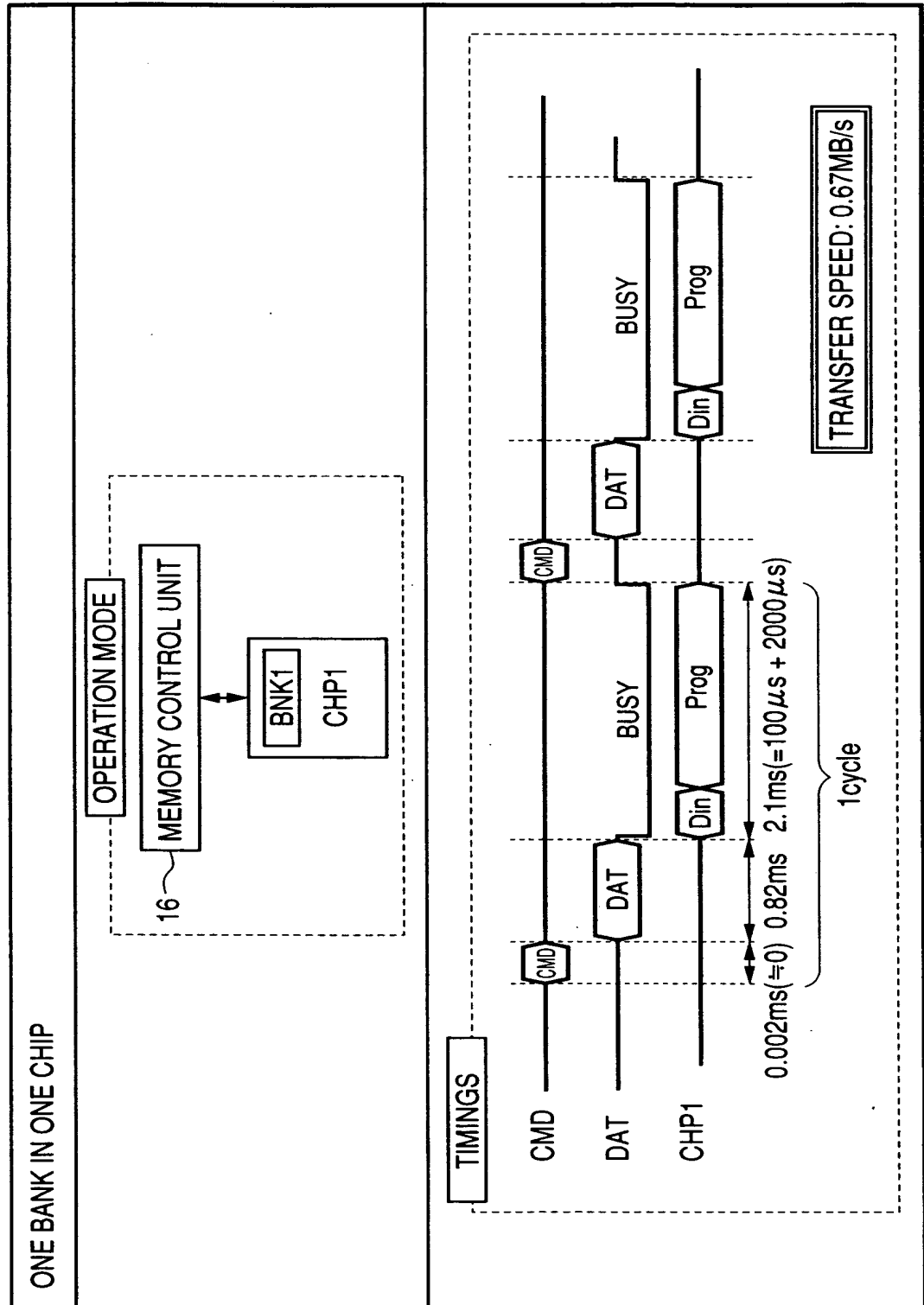


FIG. 14

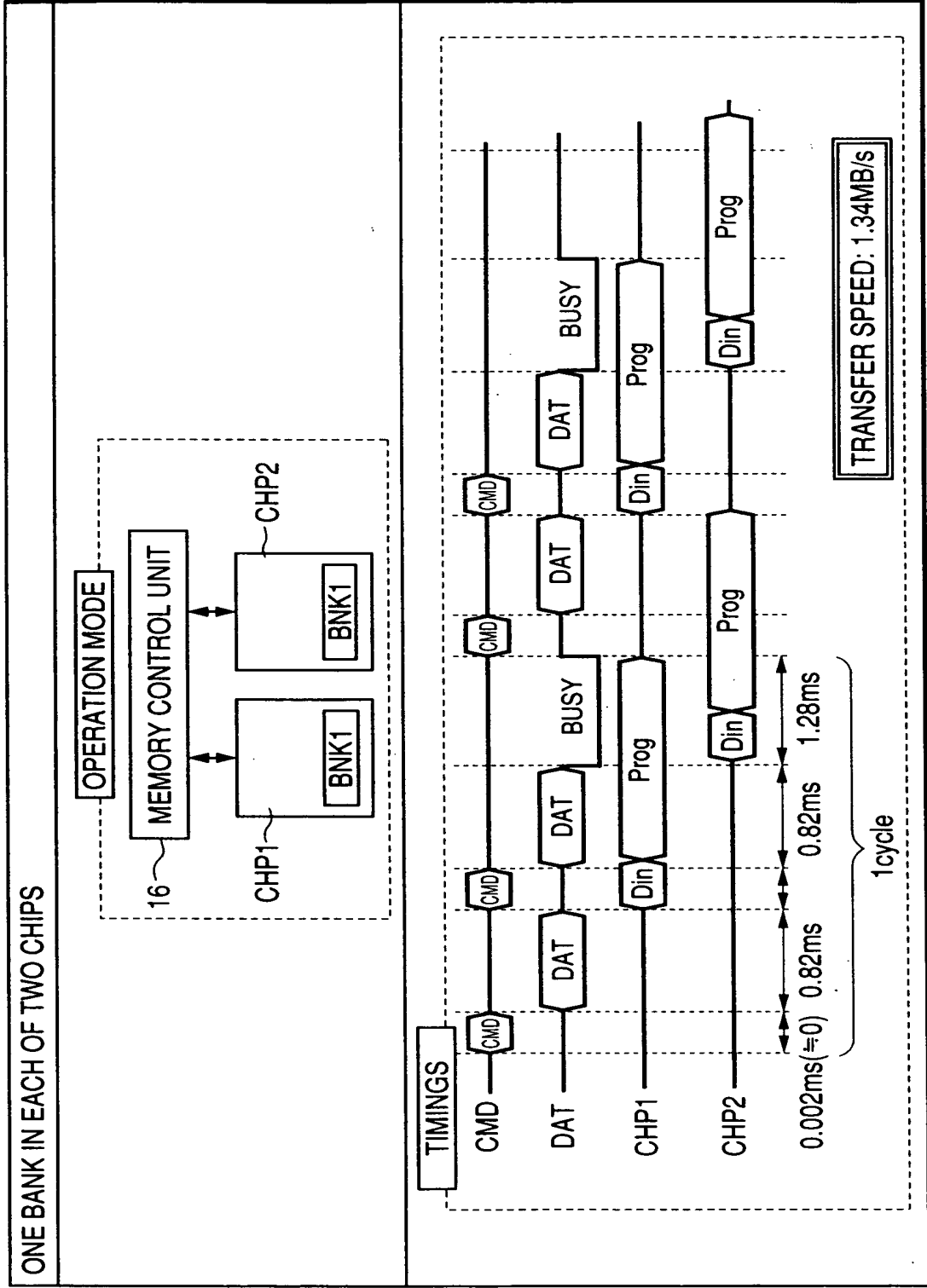


FIG. 15

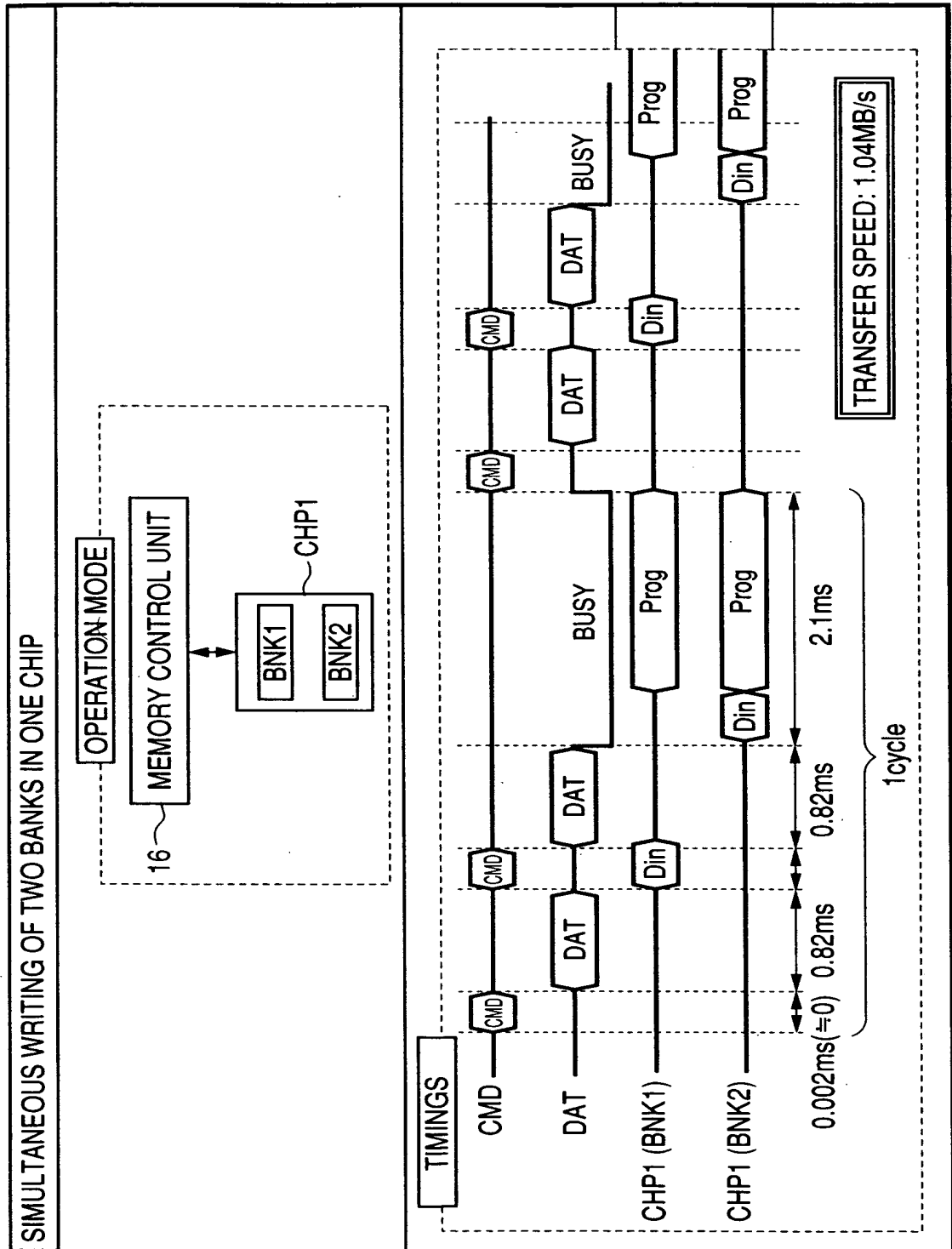


FIG. 16

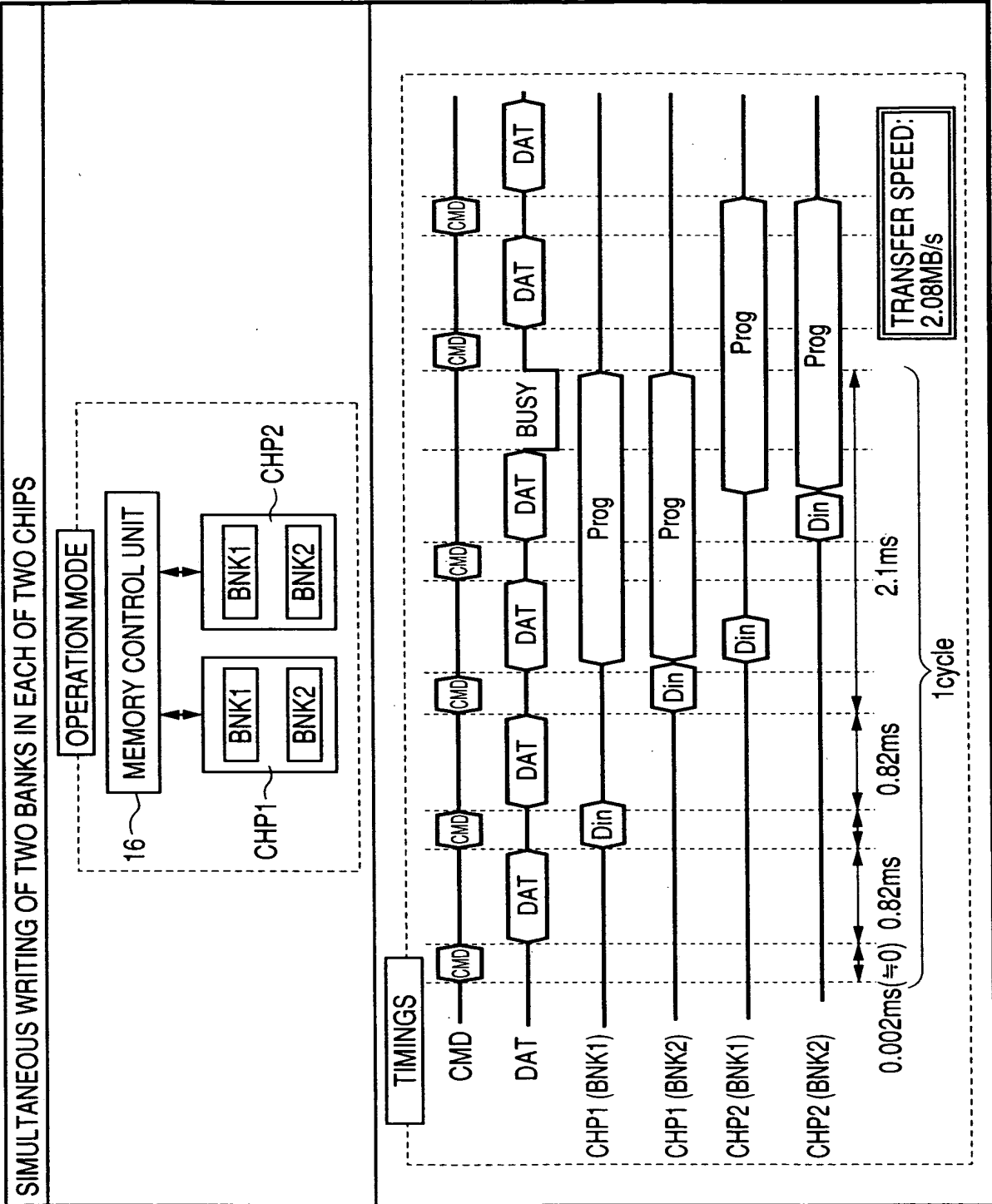


FIG. 17

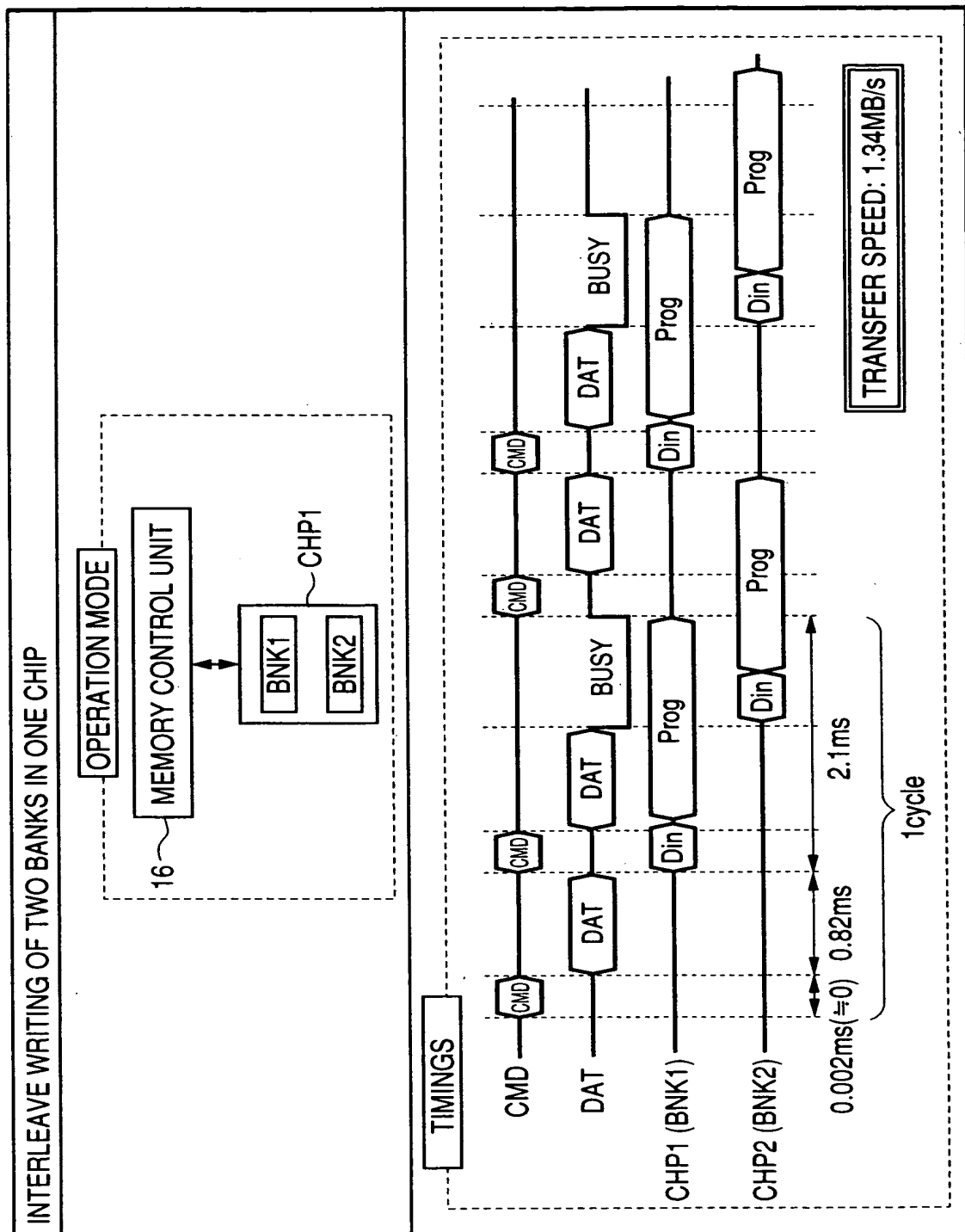




FIG. 18

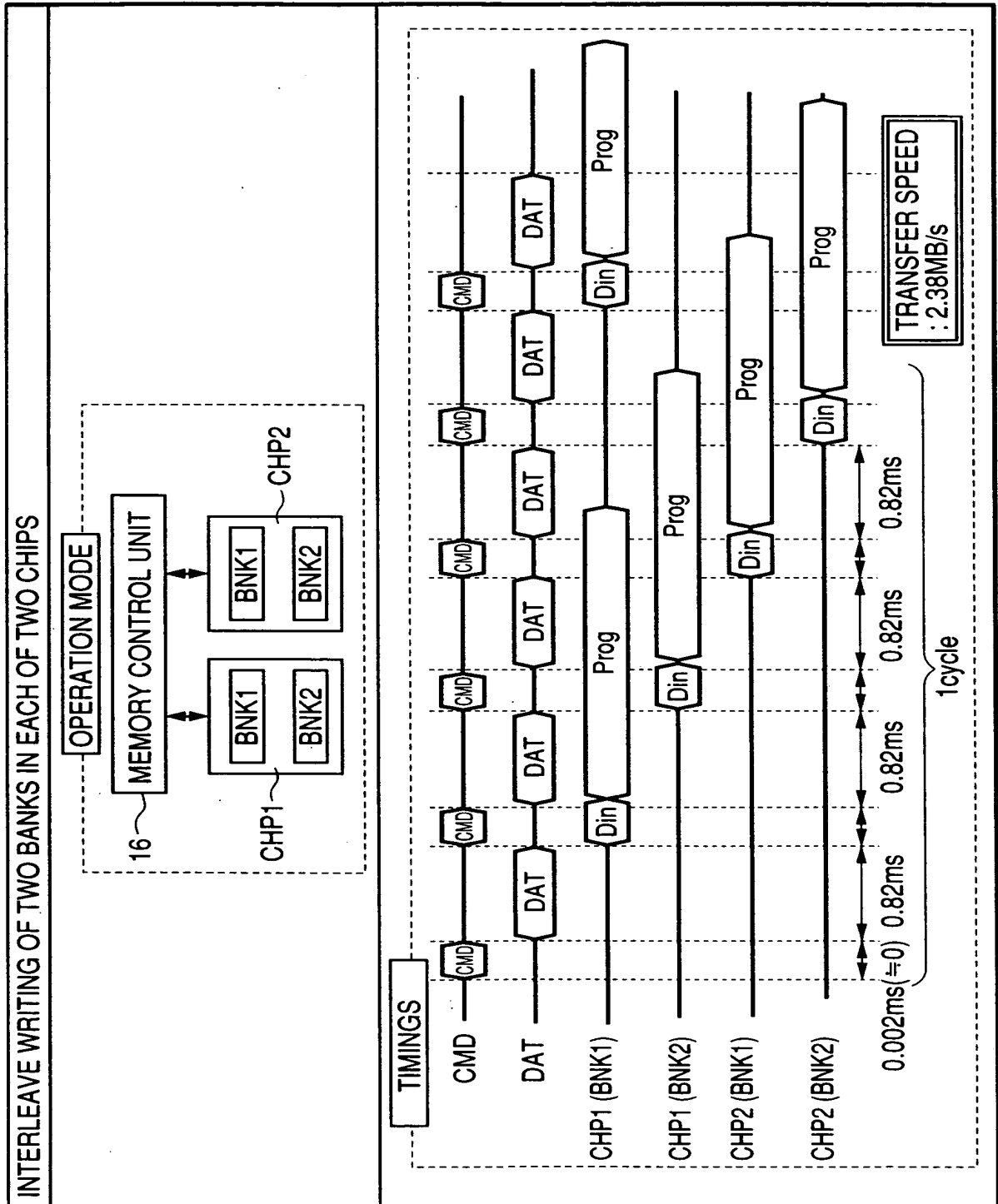


FIG. 19

CHP1

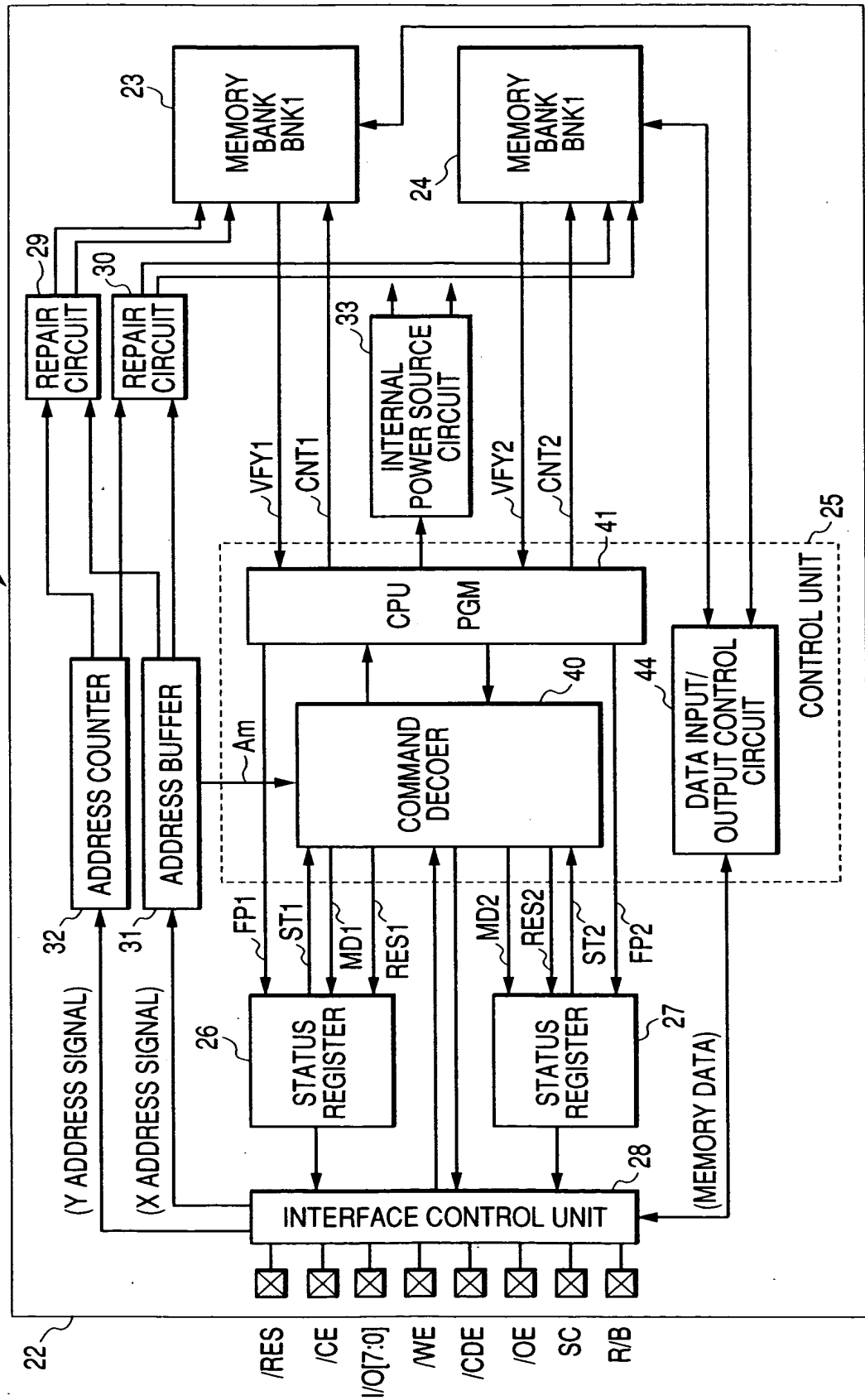
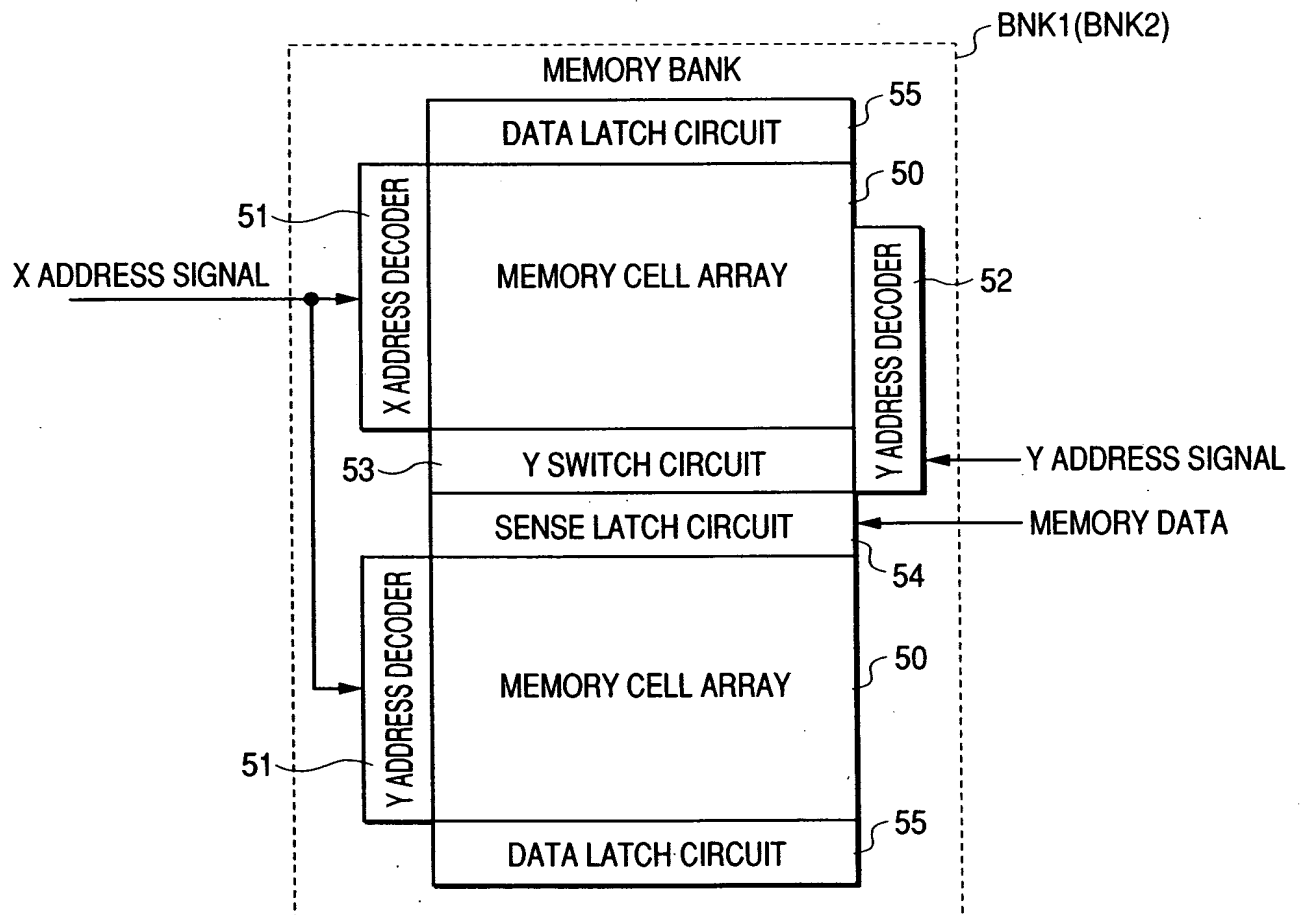
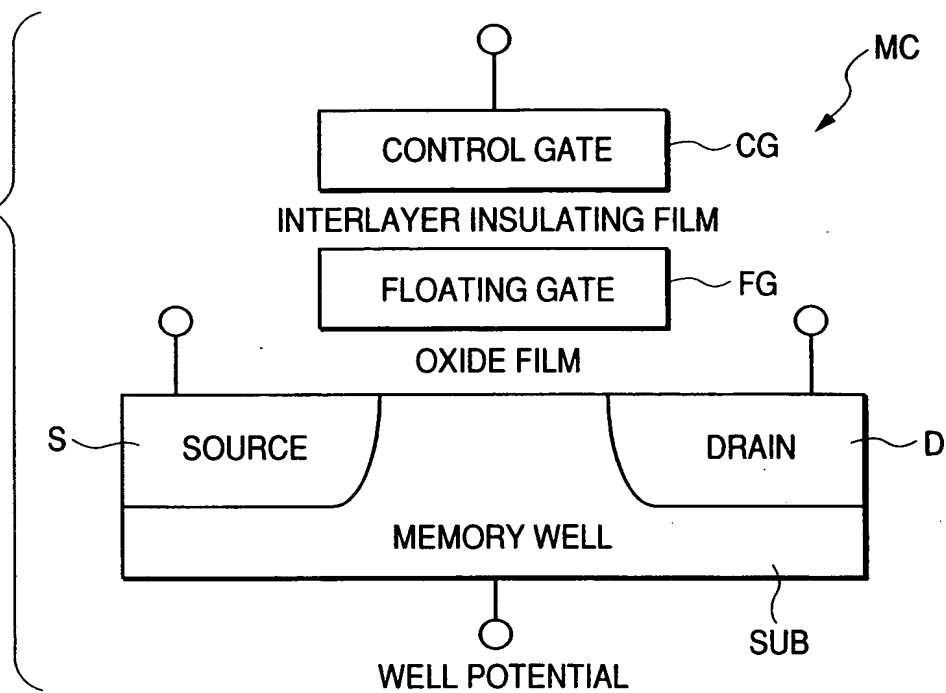


FIG. 20





**FIG. 22**

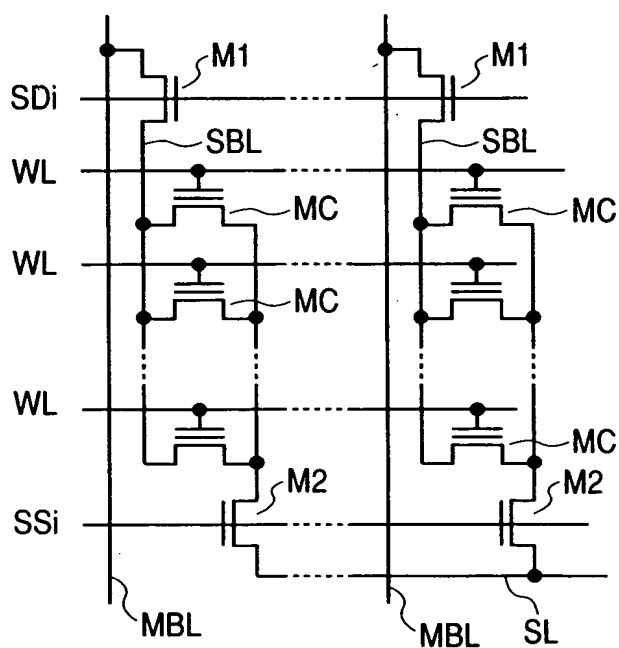


FIG. 23

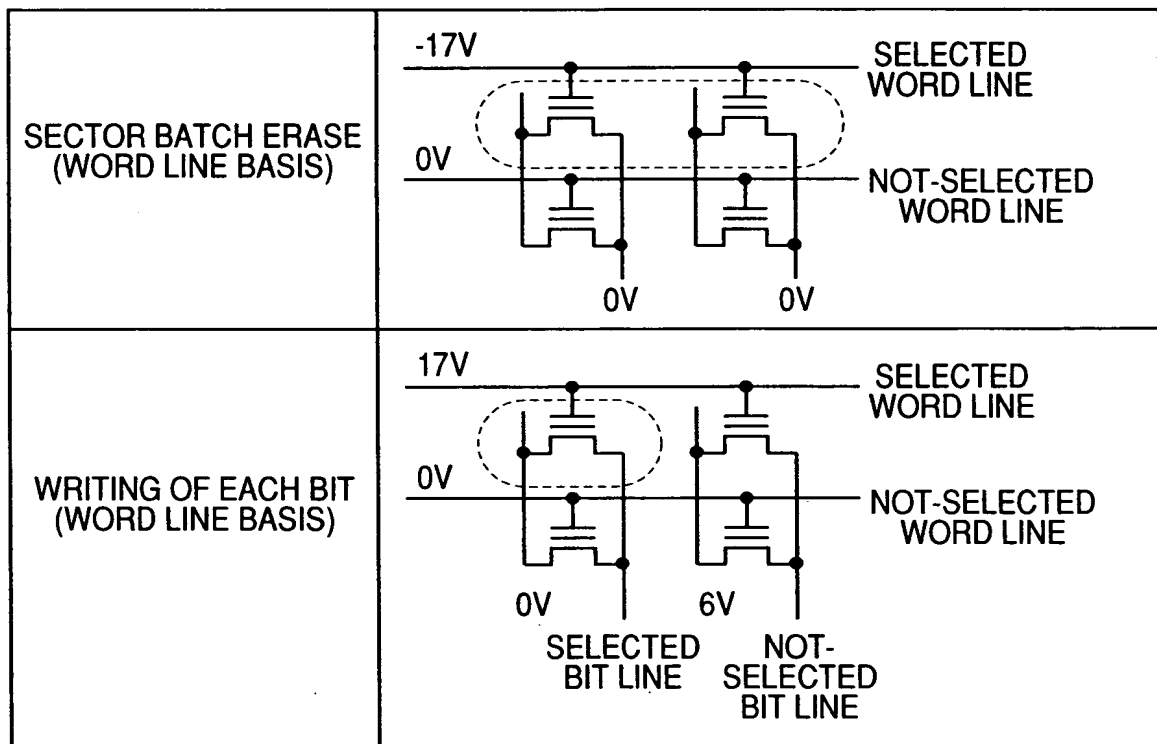


FIG. 24

COMMAND NAME	MEANING	1st	2nd	3rd	4th	5th	6th	7th
A								
Serial Read (1)	NORMAL READ	00H	SA1	SA2	.	.	.	.
Serial Read (2)	READ FROM MANAGEMENT REGION	F0H	SA1	SA2	..	.	.	.
Read Identifier Codes	READING OF ID CODE	90H	.	.	.	.	.	.
Data Recovery Read (1)	READING OF Recovery Data AT THE TIME OF OPERATION ON ONE BNK1	01H	.	.	.	.	..	.
Data Recovery Read (2)	READING OF Recovery Data OF BNK1 AT THE TIME OF OPERATION ON TWO BANKS	02H	.	.	.	.	.	.
Data Recovery Read (3)	READING OF Recovery Data OF BNK2 AT THE TIME OF OPERATION ON TWO BANKS	03H	.	.	.	.	.	.
B								
Sector Erase	SECTOR ERASE	20H	SA1	SA2	SA1*1	SA2*1	B0H	.
C								
Program (1)	NORMAL WRITE (WITH ERASE SEQUENCE)	10H	SA1	SA2	40H	.	.	.
				→	41H	SA1*2	SA2*2	40H
Program (2)	NORMAL WRITE	1FH	SA1	SA2	40H	.	.	.
				→	41H	SA1*2	SA2*2	40H
Program (3)	WRITE TO MANAGEMENT REGION	0FH	SA1	SA2	40H	.	.	.
				→	41H	SA1*2	SA2*2	40H
Program (4)	REWRITE	11H	SA1	SA2	40H	.	.	.
				→	41H	SA1*2	SA2*2	40H
Program Retry	RETRY OF WRITE	12H	SA1*3	SA2*3	40H	.	.	.
D								
Clear Status Register (1)	RESET OF STATUS REGISTER FOR BNK1 AND BNK2	50H	.	.	.	.	.	.
Clear Status Register (2)	RESET OF STATUS REGISTER FOR BNK1	51H	.	.	.	.	.	.
Clear Status Register (3)	RESET OF STATUS REGISTER FOR BNK2	52H	.	.	.	.	.	.